



Network Specifications for Historic Courthouse HR Office Remodel

Copper Cable Requirements

- 1) All copper data cable must be Cat6A data cable and Terminated as ANSI/TIA-568B Standard
- 2) All copper data cable will originate from the Primary IDF Located on 1st floor of the Historic Court House.
- 3) All Copper data cable will be Blue Superior Essex Cat6A
- 4) All Copper data cable will be properly suspended in the ceiling using J Hooks.
- 5) All new drop locations will utilize a minimum of 1 inch diameter conduit to the wall box for data drops.
- 6) All Endpoint terminations will use Ortronics HDJ style terminations manufactured for Cat6A terminations
- 7) All copper data cable designated for WAPs (Wireless Access Points) will be terminated in a surface mount box at the endpoints designated in the building plans where possible.
- 8) Surface mount boxes are not required to be attached to any surface, the boxes are for protecting the terminations and labeling.
- 9) All copper data cable designated for wall ports will be terminated at the wall and inserted into a faceplate.
- 10) All Data Drops will have a minimum of two Cat6A cables per location.
- 11) All surface mount box WAP terminations will be labeled with the following standard (WAP#)
- 12) All wall port terminations will be labeled in a fashion that represents the Panel Letter followed by the port number. (Example Panel A Port 1 A-1)
- 13) All copper data termination labels will correspond to a matching label on a patch panel.
- 14) All Copper data termination Patch Panels will be of matching brand and port density. (48 port preferred)
- 15) All Copper data termination patch panels corresponding to the Primary IDF will be mounted in a 2 post network rack designated for patch panels.
- 16) All Patch panel terminations will have a 2RU cable manager installed in between patch panels.
- 17) The 3 offices and the receptionist will require 16/2 cable to be roughed into each location for panic alarms that will home run to the primary IDF.
- 18) LINX is the County's preferred contractor for all Data Cabling. All Work to be performed by LINX.

Contact information below

| | | | |
|------------------|---------------------|--|--------------|
| a. Aaron Samuels | Sr. Project Manager | asamuels@teamlinx.com | 303-961-4076 |
| b. Scott Banks | Site Supervisor | sbanks@teamlinx.com | 303-961-2414 |

